Contents 7	Reference to last Measurement 8
4: 18,69,754-00	
T- 18698-00	
U. 18698-00	
F. 1870-00	
R- 20567-00	
ST- 16694-00	
ST- 16694-00	
Su ~~94525-00~~ 95221-	
Pu: 1,76,533-00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Work code = 005-19000005
Est cost = 75.00 lakh
H/A = P2583

494912

Serial No. .....
Name of Work Construction of Day-Nalm project Ashraya Building at Defence layout in ward No 05 Byatarayanapura Sub Division
Name of Contractor of nature of Agency
Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Contractor Name: Executive Engineer, KRIDL Ltd #280, 59th Cross Road, 17th C Main Road 3rd Y Block Rajajinagar, Bangalore-10.						
1	Earthwork in surface excavation in ordinary soil for levelling & lowering the ground manually & removing the excavated stuff to a distance not exceeding 50m & lift upto 1.5m excavated surface levelled & neatly dressed disposes earth to be leveled after breaking clods & neatly dressed etc complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
	Qty is as per premeasurment at 11th MB page no 494985					= 54.00 m³	
	Rate 169.56/m³					= 9156.24	
(2)	Earthwork Excavation for foundation of buildings either in pits or in trenches 1.5m & above in width in ordinary soil not exceeding 1.5m in depth including dressing the bottom & sides of pits & trenches stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods etc complete.						
	Qty is as per premeasurment at 11th MB page no 494985					= 273.59 m³	
	Rate 204.12/m³					M= 55845.19	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
(3)	providing & filling metal 100 m.m & ng hand packing all materials & complete.	
	Qty is as per p	
	Rate .2	
(4)	providing & laying 40 m.m & down	

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
ment of 1Lis MB			
494985 = 54.00 m³			
= 9156.24			
foundation of buildings			
ns 1.5m & above in			
& exceeding 1.5m in			
the bottom & sides of			
the excavated soil			
excavation with lead			
g of clods etc			
1Lis MB page no 494985			
= 273.59 m³			
Rs = 55845.19			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 494913

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(3)	providing & filling in foundation with granite broken metal 100 m.m & down size with approved sand including hand packing ramming watering including cost of all materials & labour with all lead & lift etc complete.						
	Qty is as per premeasurement of 1Lis MB page no 494986						
	@ Rs 2283.12/m³						= 23.79 m³
							Rs = 54315.42
(4)	providing & laying in position P.C.C of mix M 7.5 with 40 m.m & down size graded granite metal course						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregate & fine aggregate MIC mixed concrete laid in layers not exceeding 15cms like well compacted in foundation & plinth including cost of all materials labour curing etc complete.						
	Qty is as per premeasurement sheet MB page no 494986-494988						
	Rate 5256.36/m³					= 172.01 m³	
						= Rs 904146.68	
(5)	providing & constructing granite rubble stone masonry in foundation with mud mortar 1:8 stone hammered dressed in courses not						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	less than 20cm each course inc etc complete.
	Qty is as per p
	→ Rate. 4359
(6)	providing & con mud mortar not less than 15cm each course
	labour curing

Contents 7	Reference to last Measurement 8
IC mixes concrete 5cms thick well plinth including curing etc	
- st ITEM MB 494986-494988 = 172.01 m³ = Rs 904146.48	
ite rubble stone mud mortar 1:8 m courses not	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494914

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	less than 20cm high bond stone at two m apart in each course including cost of materials labour curing etc complete. Qty is as per premeasurement. ST ITEM MB page no 494988					= 31.08 m³	
	→ Rate. 4359.96/m³					Rs = 135507=55	
(6)	providing & constructing granite basalt ssm with mud mortar edges of stone chisel dressed in courses not less than 15cm high bond stones at two m apart in each course including cost of all materials labour curing etc complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is as per premeasurement of Fix MB page no 494989 = 17.10 m^3						
	Rate 5405.40/m^3						= Rs. 92432.34
	(7) Filling available excavated earth in sides of foundation up to plinth in layers not exceeding each deposited layers by ramming after watering with lead up to 50m & lift up to 1.5m including cost of all labour etc complete						
	Qty is as per Qty vide item no 2 = 273.39 m^3						
	@ Rate 137.16/m^3						= 37498.17

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(8) providing & lay with 20mm & s aggregates & fi 15cm like vi & ground floor retaining wo labour cuis
	Footings pedestals

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
			easurement of like MB
			e no 494989 = 17.10 m^3
			= Rs. 92432.34
			ates earth in sides &
			in layers not exceeding
			by ramming after
			to 50m & lift upto
			all labour etc complete
			d item no 2 = 273.39 m^3
			N = 37498.17

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

494915

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(8)	providing & laying in position Reinforced c.c of mix M20 with 20mm & down size graded granite metal coarse aggregates & fine aggregate M/C mixes exceeding 15cm like vibrates for all works in foundation plinth & ground floor level for roof slabs staircase lintels retaining walls including cost of all materials labour curing etc complete.						
	Footings	19	2.40	2.40	0.75	= 82.08	
	pedestals	19	0.90	0.90	0.60	= 9.23	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Columns upto plinth	19	0.23	0.45	1.50	= 2.94	
	plinth Beam	2	18.35	0.23	0.45	= 3.79	
		5	7.45	0.23	0.45	= 3.85	
	CW	1	5.65	0.23	0.45	= 0.58	
	TW	2	1.90	0.23	0.45	= 0.39	
	Columns	19	0.23	0.45	3.10	= 6.09	
26/12/18	Chajja W	9	1.20	0.45	0.10	= 0.48	
	W1	2	0.60	0.45	0.10	= 0.05	
	Roof slab	1	18.35	7.45	0.15	= 20.50	
	front projection	1	3.00	0.90	0.15	= 0.40	
		1	2.50	0.75	0.15	= 0.22	
	Slab Beam	3	18.35	0.23	0.60	= 7.59	
		5	7.45	0.23	0.60	= 5.14	

c/f EC
25/12/2018

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Stair case landing Beam
	Lintel Beam
	Sump Tank wall
	Sump floor
	Sump cover slab
	Stair case roof slab landing

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
45	1.50	= 2.94	
23	0.45	= 3.79	
23	0.45	= 3.85	
23	0.45	= 0.58	
23	0.45	= 0.39	
45	3.10	= 6.09	
45	0.10	= 0.48	
45	0.10	= 0.05	c/f FC
45	0.15	= 20.50	26/12/2018
90	0.15	= 0.40	
75	0.15	= 0.22	
23	0.60	= 7.59	
0.23	0.60	= 5.14	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 494916

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Stair case landing Beam	2	2.50	0.23	0.45	= 0.51	
	Lintll Beam	2	18.35	0.23	0.23	= 1.94	
	Sump Tank wall	2	7.45	0.23	0.23	= 0.78	
		2	3.55	0.23	2.10	= 3.44	26/12/18
		2	2.45	0.23	2.10	= 2.36	
	Sump floor	1	3.55	2.45	0.15	= 1.30	
	Sump Cover slab	1	3.55	2.45	0.15	= 1.30	
	Stair case roof slab	1	2.50	1.50	0.15	= 0.37	
	landing	1	2.90	1.50	0.15	= 0.43	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Steps	22x0.5	x1.00	x0.23	x0.15	= 0.37	
	Water proofing	1	18.35	7.45	0.075	= 10.25	
		1	3.00	0.90	0.075	= 0.20	
		1	2.00	0.75	0.075	= 0.11	
						166.69 m^3	
26/12/18	Deduct columns	19	0.23	0.45	0.75	=> 1.47	
		19	0.23	0.45	0.60	= 1.17	
	Sump opening	1	0.60	0.60	0.15	= 0.05	
						=> 2.69	
						164.00	
	Rate 6491.88/m^3			Limited to		162.35 m^3	

Qty = 1053956.71

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
(9)	providing T mending stri in position with binding members Qty is as pe
	(a) Rate 654

OK

Depth 6	Contents 7	Reference to last Measurement 8
.23 x 0.15 = 0.37		
0.075 = 10.25		
0.075 = 0.20		
0.075 = 0.11		
	166.69 m³	
0.75 ⇒ 1.47		
0.60 = 1.17		
0.15 = 0.05		
⇒ 2.69		
	164.00	
ited to	162.31 m³	

Qty = 10539567.1

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494917

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(9) providing T.MT steel reinforcement for R.C.C work including straightening cutting bending hooking placing in position lapping + welding wherever required tying with binding wire + anchoring to the adjoining members wherever necessary etc complete. Qty is as per premeasurement of the MB page no 494989-494991					= 20.42 MTon	
	(a) Rate 65455.56/Ton					Qty = 1336602.53	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(10)	providing & removing centering shuttering strutting propping etc & removal of form work for foundation footing bases & column for mass concrete including cost of materials etc complete.						
	Footing sides	19x2	2.40	—	0.75	= 68.40	
		19x2	2.40	—	0.75	= 68.40	
	pedastal	19x2	0.90	—	0.60	= 20.52	
		19x2	0.90	—	0.60	= 20.52	
						177.84 m²	
	Rate 249.48/m²			Limited to		167.58 m²	
						₹ = 41807.85	
(11)	providing & removing centering shuttering						

M. A.
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Number 3
	propping etc for edges including cost of all	
	plinth Beam.	2
		5
	Rate 732.24/m²	1
(12)	providing & removing propping etc for colu all materials etc (	

DK

Depth 6	Contents 7	Reference to last Measurement 8
g	Shuttering strutting	
	work for foundation	
s	concrete including	
t.		
0.75	= 68.40	
0.75	= 68.40	
0.60	= 20.52	
0.60	= 20.52	
	177.84 m²	
50	167.58 m²	
	₹ = 41807.85	
ing	Shuttering	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494918

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	propping etc for edges o slabs & breaks in floor lines, plinth including cost of all materials etc complete						
	plinth Beam.	2	18.35	—	0.45	= 16.51	
		5	7.45	—	0.45	= 16.76	
	Rate 732.24/m²	1	5.65	—	0.45	= 2.54	
						35.81 m²	
						= ₹ 26221.51	
(12)	providing & removing centering shuttering strutting propping etc for columns pillars piers including cost of all materials etc complete.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Columns up to plinth	19x2	0.23	—	1.50	= 13.11	
		19x2	0.45	—	1.50	= 25.65	
	Columns up to Beam Bottom	19x2	0.23	—	3.00	= 26.22	
		19x2	0.45	—	3.00	= 51.30	
						116.28 m²	
	@ Rate 395.28/m²					=> 45943.15	
13	providing & removing centering shuttering strutting propping etc & removal of form work for sides beams haunchings cantilever girders not exceeding 1m in depth including cost of all materials etc complete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date 1	Full description, etc, of work 2
	Lintel Beam sides
	Lintel. 270.48/m²
14	providing & r propping etc f cost of all ma
	@ Rate 291.60/m²

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	1.50	= 13.11	
	1.50	= 25.65	
	3.00	= 26.22	
	3.00	= 51.30	
		116.28 m²	
		= Rs 4593.15	

aing shuttering struting
form work for sides
or gerders zot
ending cost of all

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494919

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Little Beam side	2x2	18.35	—	0.23	= 16.84	
		5x2	7.45	—	0.23	= 17.13	
						34.01	
				Limited to		22.04 m²	
						= Rs 6093.61	
	Lath. 276.48/m²						
(14)	providing & removing centering shuttering struting propping etc for chajja's etc including edges including cost of all materials etc complete.						
		9	1.20	—	0.45	= 4.86	
	@ Rate 291.60/m²	2	0.60	—	0.45	= 0.54 / 5.40 m²	= Rs. 1574.64

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(15)	providing & constructing precast concrete solid blocks with compprestive strength not less than 35/kg/m² with C.M 1:4 with solid concreate blocks of size 40x20x20 cms conforming to is including cost of all materials etc complete						
	wall upto Beam Bottom	2	18.35	–	2.45	= 89.91	
		5	7.00	–	2.45	= 85.75	
		1	5.65	–	2.95	= 16.66	
		2	2.10	–	2.45	= 9.80	
	parapet wall	2	18.35	–	0.65	= 23.80	
		2	7.10	–	0.65	= 9.10	
						235.02 m²	

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Deduct MD	1
	D	2
	D_1	2
	W	9
	W_1	2
	front opening	1
	side	1
		1
	parapet opening	1

Rate 1011.96/m²

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		- concrete solid blocks not less than 35/kg/m²	
		reate blocks of	
		ing to ds including	
		ompleate	
		2.45 = 89.91	
		2.45 = 85.75	
		2.95 = 16.66	
		2.45 = 9.80	
		0.65 = 23.80	
		0.65 = 9.10	
		235.02 m²	

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Measurement Book

No. B

494920

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2		Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Deduct	MD	1	1.80	—	2.45	= 4.41	
		D	2	1.10	—	2.10	= 4.62	
		D_1	2	0.90	—	2.10	= 3.78	
		W	9	1.20	—	1.20	= 12.96	
		W_1	2	0.60	—	0.60	= 0.72	
	front opening		1	1.50	—	2.00	= 3.00	
		Side	1	2.00	—	2.15	= 4.30	
			1	1.50	—	0.60	= 0.90	
	parapet opening		1	1.75	—	0.65	= 1.13	
							(−) 35.82 m²	
	@ Rate 1011.96/m²						Total 199.20 m²	= 201582.43

OK

Depth 6	Contents 7	Reference to last Measurement 8
nne	wood	fully
s	Lilli	style &
ide	in two	Layers
ineluding		cost of
om	of	machinery
—	4.32	
—	4.41	
	~~8.73~~ m²	
	N	~~[illegible]~~

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494921

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(16)	providing flush pointing to square rubble course or uncoursed stone masonry with C.M 1:3 20 m.m deep after raking joints to depth of 20 m.m nicely lining including cost of materials labour curing etc complete						
	outerwalls	2	18.25	—	0.60	22.02	
		2	7.45	—	0.60	8.94	
						30.96 m²	
	@ Rate 104.76/m²			Limited to		27.68 m²	
						= N	2899.75

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(17)	providing & fixing in position Honne wood fully panelled shutters for windows with styles & rails of 30mm thick 75mm wide in two halves with panels of 20mm thick including cost of material labour charges etc complete						
	MD	1	1.80	2.40	—	4.32	
	D_1	2	1.05	2.10	—	4.41	
	@ Rate 4575.96/m²					8.73 m²	
						N = 39948.13	
(18)	providing Honne wood frames of doors windows clerestory windows ventilators & other frames						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Num 3
	wrought frames plaster groves but etc complete.	
	MD	1x
		1x
	D_1	2x
	@ Rate 11083.40/m²	2x

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
tion Honne Wood fully			
ndows with styles &			
wide in two halves			
ich including cost			
ngles etc complete			
40	—	4.32	
.10	—	4.41	
		8.73 m²	
		N = 39948.13	
frames of doors windows			
shutters & other frames			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494922

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Wrought frames or assembled including making plaster groves but including cost & materials labour etc complete.						
	MD	1×5	2.40	0.15	0.13	= 0.23	
		1×3	2.10	0.15	0.13	= 0.12	
	D_1	2×2	2.10	0.15	0.13	= 0.16	
	@ Rate 111083.40/m³	2×2	1.35	0.15	0.13	= 0.11	
						0.62 m³	
						= N 68871.70	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(19)	SOLID PVC DOOR FRAME. providing & fixing factory made PVC door frame of size 50x47 mm with a wall thickness of 5mm made out of extruded 5mm rigid pvc foam sheet mitered cut at corners & jointed 2 nos of 150mm long brackets of 15x15 mm M.S square tube of 19 gauge the door frame to be fixed to the wall using M.S screws 765/80mm size etc. compleat.						
	Rate 568.08/m² D2	2	0.75	2.10	—	3.15 3.15 m² = 1789.45	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2
(20)	SOLID power pr 30mm thick fa door shutters ma for style & 15x15 heat moulded p sheet & 30x50mm 75mm wide pr rail & bottom ra wide cross p bottom rail pan - rates on either

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
iding & fixing factory			
size 50x47mm			
5mm made out			
vc foam sheet			
& jointed 2 no. of			
15x15mm M.S square			
r frame to be			
M.S screws 765/80mm			
·10	—	3.15	
		3.15 m²	
		=	1789.45

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Measurement Book

No. B

494923

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
20	Solid panel prelam pvc door shutter providing & fixing 30mm thick factory made rigde foam prelam panelled door shutters made from M.S tube of 19x19mm 19 gauge for style & 15x15mm for top & bottom rails covered with heat moulded prelaminated pvc 'c' channel of 5mm thick sheet & 30x50mm wide of form styles & 5mm thick & 75mm wide prelaminated pvc sheets for top rail lock rail & bottom rail on either side & 5mm thick 50mm wide cross pvc sheet as gap insert for top rail & bottom rail panelling of 5mm thick pvc sheet prelaminated on either side fitted in MS frame. Sealed to						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	style & size with with pvc designer beading on either side & joined together with Solvent cement etc complete.						
	D2	2	0.75	2.10	–	3.15 m2	
	@ Rate 4368.60/m2						= Rs 13761.09
21	providing 12mm thick cement plaster in single coat with C.M 1:3 to ceiling including rounding off corners wherever required smooth rendering providing & removing scaffolding including cost of materials etc complete.						
		1	7.10	6.65	–	47.21	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date 1	Full description, etc, of work 2
	Kitchen
	Toilet
	varaka
	@ Rate 208.44/

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ignor bearing on either			
ill Schedule Cond-dt			
2.10	–	3.15 m2	
			= to 13761.09
ment plaster in single			
ng including roundings etc			
smooth rendering			
tolding including cost			
plete.			
6.65	–	47.21	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494924

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	4.50	3.50	–	15.75	
		1	6.65	3.60	–	23.94	
	Kitchen	1	3.50	2.15	–	7.52	
	Toilet	2	2.50	1.90	–	9.50	
	Varaden	1	2.05	1.90	–	3.89	
		1	2.35	1.50	–	3.52	
						111.33 m2	
	@ Rate 208.44/m2			Limited to		110.47 m2	23026
						= to	22997.18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(22)	providing 18 m.m thick cement plaster in single coat with c.m 1:3 to brick masonry including rounding of corners wherever required smooth rendering providing & removing scaffolding including cost of materials labour lining etc complete.						
	In size	2X2	7.10	—	3.00	85.20	
		2X2	6.65	—	3.00	79.80	
		1	5.65	—	3.00	16.95	
	Toilet	2X2	7.9	—	3.00	94.8	
	varanda	1	5.85	—	3.00	17.55	
						294.43	

M. A.
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Deduct for windows	W 9
		V 2
	MD	1
	D_1	2x2
	D_2	2x2
	@ Rate 263.52/m²	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ment plaster in finish			
s masonry including			
ever required smooth			
removing scaffolding			
irts before lining			
—	3.00	85.20	
—	3.00	79.80	
—	3.00	16.95	
—	3.00	94.8	
—	3.00	17.55	
		294.43	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494925

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Deduct for lintel	W 9	1.20	1.20	—	12.96	
		V 2	0.60	0.60	—	0.72	
	MD	1	1.80	2.40	—	4.32	
	D_1	2x2	1.05	2.10	—	8.82	
	D_2	2x2	0.75	2.10	—	6.3	
					(-)	33.12	
				Qty	=	261.31 m²	
	@ Rate 263.52/m²			Limited to	=	241.92 m²	
						= 63750.75	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(23)	providing & mix 1 lice cement plaster in single coat with c.m 1:4 to stone masonry including rounding of corners wherever required smooth rendering providing & removing scaffolding including cost of all materials labour curing etc complete.						
	Out side	2	18.35	—	3.65	= 133.91	
		2	7.45	—	3.65	54.38	
	parapet in side	2	18.35	—	0.65	23.85	
		2	7.45	—	0.65	9.68	
						221.86	
	Deduct W	9	1.20	—	1.20	= 12.96	
	V	2	0.65	—	0.65	= 0.84	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Num 3
	MD	
	Opening	
	Rate 238.68/m²	
(24)	Extra for providing in cement plaster recommended by 1 lice including	
	Qty is	
	Rate 7.56/m²	

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
nent plaster in single			
ne masonry including			
herever required			
f t remaining			
ost of all materials			
ompleate.			
—	3.65	= 133.91	
—	3.65	54.38	
—	0.65	23.85	
—	0.65	9.68	
		221.86	
—	1.20	= 12.96	
—	0.65	= 0.84	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494926

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	MD	1	1.8	2.4	—	4.32	
	Opening	1	2.15	1.50	—	3.22	
						(-) 21.34	
					Qty	= 200.52 m²	
	@ Rate 238.68/m²						
						= ₹ 47860.11	
(24)	Extra for providing & mixing water proofing compound in cement plaster work at 1 kg/per bag or in 1L proportion recommended by the manufacturers for C.M 1:3 12 mm thick including cost of material etc complete.						
	Qty is as vide item no 23					= 200.52 m²	
	@ Rate 7.56/m²					= 1515.93	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(25)	providing lime rendering for plastering wall & ceiling cost of material labour, curing etc complete.						
	Qty is as vide item no 21+22 = 110.47+241.92 = 352.39 m²						
	@ Rate 213.84/m²						
	=> 75355.07						
(26)	providing & applying painting in one coat with plastic emulsion paint of approved brand manufacturer on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops & other foreign matter including preparing the surface						

M. A
M

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Numb 3
	free from mortar preparing the surfa cost of materials la	
	Qty is as vide	
	@ Rate 48.60/m²	
(27)	providing & firin for flooring threa of 20 mm thick c white cement	

NT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
for plastering wall & abour, curing etc				
no 21+22 = 110.47+241.92 = 352.39 m²				
=> 75355.07				
ing in one coat with				
of approved brand				
rface to give an even				
roughly brushing the				
tar drops & other				
& preparing the surface				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494927

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	free from mortar drops & other foreign matter including preparing the surface even & sand paper smooth cost of materials labour etc complete.						
	Qty in aggregate item no 25 = 352.39 m²						
	@ Rate 48.60/m²						
	=> 17126.15						
27	providing & fixing ceramic tiles of size 400x400mm for flooring treads steps & landing laid on a bed of 20mm thick C.M 1:3 mix flush pointing with white cement mixed with grading colour pigment						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including curing cleaning etc complete. the work includes all material labour etc complete.						
	Toilet	2	1.80	2.40	—	8.64 m²	
	@ Rate 1161.00/m²					= 10031.04	
(28)	providing skirting dado risers of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 & pointing with white cement slurry over rough plaster surface using glazed tiles of approved make & size & material labour etc complete						

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Toilet	2X
		2X
	Deduct Door	
	@ Rate 1157.76/m²	
(29)	providing & finishing cement paint of c on even space surface to remo	

materials free fro

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
etc complete. the			
an labour etc			
.40 —		8.64 m²	
		= 10031.04	
es & steps with colour			
10 mm thick cement			
white cement slurry			
e using glazed tiles			
& materials labour			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494928

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Toilet	2X2	2.40	—	2.10	= 20.16	
		2X2	1.80	—	2.10	= 15.12	
	Deduct Door	2	0.75	—	2.10	= (3.15)	
	@ Rate 1157.76/m²					32.13 m²	
						= ₹ 37198.82	
29	providing & finishing external walls water proof cement paint of approved brand & shade to given on even shade after thoroughly brooming the surface to remove all dirt & loose powdered						

materials free from mortar drops & other foreign

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	matter cost of material labour etc complete						
	Qty is as side item no 23 = 200.52 m²						
	@ Rate 90.72/m²					= 18191.17	
(30)	providing & fixing special make glazed vitrified tiles of approved make. quality & colour of size 600 x 600 x 10mm like fixed on existing flooring with special white adhesive for flooring & skirting etc complete						
	Flooring	1	7.10	6.65	—	47.21	
	Front	1	1.80	2.05	—	3.69	
	Skirting	4	6.65	—	0.15	3.99	

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Numb 3
	@ Rate 1285.20/m²	
(31)	Extra for over all subsequent coat of shade after cleaning foreign matter & materials labour	

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
		...ban etc complete	
		... no 23 = 200.52 m²	
		= ₹ 18191.17	
		...make glazed vitrified	
		...lity & colour of	
		...s on existing flooring	
		...e for flooring &	
...65	—	47.21	
...as	—	3.69	
	0.15	399	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494929

...erial No. .....

...ame of Work ..... From..... To.....

...ame of Contractor of nature of Agency .....

...ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		4	7.10	—	0.15	= 4.26	
		2	2.05	—	0.15	= 0.61	
		2	1.80	—	0.15	= 0.54	
						60.30 m²	
	@ Rate 1285.20/m²					= ₹ 77497.56	
(31)	Extra for over dtan no 15-17.6 for applying every subsequent coat of enamal paint to give an even shade after cleaning the surface of all dirt dust & foreign matter sand papering including cost of materials labour etc complete.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	W	9x2.5	1.20	1.20	—	12.96	32.4
	V	2x2.5	0.60	0.60	—		1.80
							34.20 m²
	@ Rate 51.84/m²						= Rs 1772.92
(32)	providing & fixing M.S grill work for windows & ventilators using M.S flats or M.S square rods or combination of M.S flats & square rods welding the same to required pattern with a coat of red lead primer cost of materials fixtures etc complete.						
	windows W	9	1.20	1.20	—	12.96	
	V	2	0.60	0.60	—	0.72	
	Ceiling	1	38.2	0.90	—	34.38	
							48.06 m²

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date 1	Full description, etc, of work 2
	@ Rate 84.24/
(33)	providing & fix ventilators as p shutters using of size 61.25x3 wt. 0.695 kg/m kg/m & shutter

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	40 x 18 m.m 1.25 m.m Hicle 0.417 kg/m Section 40 m.m x 26.7 m.m 1.1 m.m Hicle Lt 0.417 kg/m Shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolt etc & providing & fixing 5.5 m.m thick plain glass for shutter fitted with rubber bearings etc complete						
	W	9	1.20	1.20	–	12.96	
	V	2	0.60	0.60	–	0.72	
						13.68 m²	
	@ Rate 4418.28/m²					Say 60442.07	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2
34	providing & fix gang saw wate c.m 1:3 proportio paper joints fi colour pigment t jointing with in joints betw varandha wall
	site road

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1.20	—	12.96 32.4	
0.60	—	1.00	
		34.20 m²	
		= Rs 1772.92	
work for windows &			
ts on M.S square rods			
lats & square rods welding			
ttern with a coat of			
materials fittings etc			
1.20	—	12.96	
0.60	—	0.72	
0.90	—	34.38	
		48.06 m²	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494930

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Date 84.24/14			21 kg/m²		21×48.06 = 1009.26 kg = Rs 85020-06	
33	providing & fixing in position aluminium windows & ventilators as per approved drawings with sliding shutters using double track windows frame section of size 61.25×31.75 mm with 1.2 mm thick bottom section wt. 0.695 kg/m sides & top section 1.3 mm thick wt. 0.695 kg/m & shutter comprising top & bottom section of						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	40 x 18 m.m 1.25 m.m Hicle 0.417 kg/m Section 40 m.m x 26.7 m.m 1.1 m.m Hicle Lt 0.417 kg/m Shutter mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolt etc & providing & fixing 5.5 m.m thick plain glass for shutter fitted with rubber beadings etc complete						
	W	9	1.20	1.20	–	12.96	
	V	2	0.60	0.60	–	0.72	
	@ Rate 4418.28/m²					13.68 m²	
						Say	60442.07

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
34	providing & fixing gang saw water c.m 1:3 proportion paper joints fixing colour pigment to jointing with & in joints inside varandha wall side road

ENT BOOK

mensions			Contents	Reference to last Measurement
n	Breadth 5	Depth 6	7	8
0.417 kg/m			Shutter interlock	
m 1.1mm thick Lit 0.417 kg/m				
nylon rollers with				
ers such as aluminium				
& providing & fixing				
for shutter fitted with				
& complete				
0	1.20	—	12.96	
00	6.60	—	0.72	
			13.68 m²	
			@	60442.07

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494931

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
34	providing & fixing of wall cladding using 20mm thick gang saw water cut shiva gold granite grey granite in c.m 1:3 proportion cut to required shape pattern with paper joints finished with coloring white cement & colour pigment to match the colour of slab making through jointing with sealant making holes 25×12mm grooves in joints including curing etc complete.						
	varandha wall	2	2.50	—	2.10	= 10.50	
		2	1.90	—	2.10	= 7.98	
	side wall	2	0.45	—	2.10	= 1.89	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Flooring	1	2.50	1.80	–	= 4.50	
	front steps	3	3.00	0.30	=	2.70	
		3	3.00	—	0.30	= 2.70	
	side	2	0.30	0.90	—	= 0.54	
		2	0.30	0.60	–	0.36	
		2	0.30	0.30	–	0.18	
	Staircase steps	21	1.05	0.23	–	5.07	
		21	1.05	—	0.15	3.30	
	Landing	= 1	3.00	1.05	—	3.15	
	kitchen platform	1	3.65	0.60	—	2.19	
						45.06 m3	
	Deduct D,	2	0.90	—	2.10	= (–) 3.78	
						41.28 m3	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	of Rate 3809.
35	providing fix
	Drawing usin
	pipe frame
	35x6mm, & 16
	Spacers at
	MS flats to
	Splices are
	in drawing
	• Rate 3168.72

BOOK

ions		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
.80	—	= 4.50	
.30	=	2.70	
—	0.30	= 2.70	
.90	—	= 0.54	
.60	—	0.36	
.30	—	0.18	
.23	—	5.07	
—	0.15	3.30	
.05	—	3.15	
.60	—	2.19	
		45.06 m³	
—	2.10	= (−) 3.78	
		41.28 m³	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494932

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	@ Rate 3809.16/m²					41.28 m²	
35	providing fixing MS gate as per					= ₹ 157242.12	
	drawing using 50mm x 50mm						
	pipe frame work bent to ornamental shape						
	35x6mm, & 16x16mm square rods for the						
	spaces at 4 cm c/c in two levels & 40mm & 6mm						
	MS flats for the members & at the top cast iron						
	spikes are provided at alternative the members						
	in drawing shown etc complete						
	• Rate 3168.72/m²	1	2.10	2.40	—	4.8 m²	= ₹ 15209.85

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
36	Providing & laying C.C using 20mm & down size granite jelly of ready mixed concrete for R.C.C works laid in 15cms thick layers & well compacted vibrating curing finishing curing finishing with necessary c.m form works & scaffolding to withstand pumping of concrete with all lead & lift etc complete						
	For road	1	15.00	$\frac{5.4+5.0}{2} \times 0.125 = 9.75$			
		1	15.00	$\frac{5.+4.9}{2} \times 0.125 = 9.28$			
		1	15.00	$\frac{4.9+5.0}{2} 0.125 = 9.28$			
		1	15.00	$\frac{5+5.10}{2} \times 0.125 = 9.46$			
		1	3.00	$5.10 \; 0.125 = 1.91$			

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2
	Back side RS " LS Box Type Angaonawadi front. BS LS

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
using 20mm & down			
ready mixed concrete			
ing like layers & well			
finishing curing finishing			
m works & scaffolding			
concrete with all			
ate			
$\frac{5.4+5.0}{2} \times 0.125 = 9.72$			
$\frac{5.+4.9}{2} \times 0.125 = 9.28$			
$\frac{4.9+5.0}{2} 0.125 = 9.28$			
$\frac{5+5.10}{2} \times 0.125 = 9.46$			
5.10 0.125 = 1.91			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494933

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Back side RS	1	19.00	0.70	0.125	= 1.66	
	" RS	1	8.00	3.80	0.125	= 3.80	
	LS	1	6.00	7.50	0.125	= 5.62	
		1	6.00	5.20	0.125	= 3.9	
	Box Type	1	11.00	7.40	0.125	= 10.17	
		1	16.70	4.00	0.125	= 9.39	
	Angonawadi front.	1	11.00	$\frac{2.4+2.70}{2}$	× 0.125	= 3.50	
	BS	1	11.00	1.20	0.125	= 1.65	
		1	4.00	1.00	0.125	= 0.84	
	LS	1	7.00	1.50	0.125	= 1.31	
		1	6.50	8.25	0.125	= 6.70	
		1	3.80	3.00	0.125	= 1.42	
						89.64 m³	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	@ Rate 6231.74/m³					89.64 m³ = Rs 558613.17	
57	Vacuum De-watering with vacuum pump & suction mat & compaction with skin flater clubbed with floating disc including cost of generator HOM of machinery Serced vibratory etc compleate.	1	15.00	$\frac{5.40+5.0}{2}$		= 78.00	
		1	15.00	$\frac{5.0+4.9}{2}$		= 74.25	
		1	15.00	$\frac{4.9+5.00}{2}$		= 74.25	
		1	15.00	$\frac{5.0+5.10}{2}$		= 75.75	
		1	3.50	× 5.10		= 15.30	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2
	@ Rs 95.40/m²

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			89.64m³	
			= ₹ 558613.17	
ilt Vacuum pump &				
with skin Water cubbed				
ing cost of generator				
rced Vibratory elt				
50	$\frac{5.40+5.0}{2}$		= 78.00	
0	$\frac{5.0+4.9}{2}$		= 74.25	
0	$\frac{4.9+5.00}{2}$		= 74.25	
0	$\frac{5.0+5.10}{2}$		= 75.75	
0	× 5.10		= 15.30	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494934

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc. of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	19.00	0.70	—	13.30	
		1	8.00	3.80	—	30.40	
		1	6.00	7.50	—	45.00	
		1	6.00	5.20	—	31.20	
		1	11.00	7.40	—	81.40	
		1	16.70	4.50	—	75.15	
		1	11.50	$\frac{2.40+2.70}{2}$	—	28.05	
		1	11.00	1.20	—	13.20	
		1	4.50	1.50	—	6.30	
		1	7.00	1.50	—	10.50	
		1	6.00	8.35	—	50.10	
		1	3.80	3.00	—	11.40	
	@ Rs 95.40/m²					713.55m²	= ₹ 68072.67

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(38) providing groove cutting for concrete pavement width of 5m.m to 10m.m & depth 50-100m.m including cost of cutting m/c generator including cost of blade. coolant etc including cleaning of groove & providing cost of blade & filler materials etc including cost of materials etc complete.						
		20	5.00	—	—	100.00	
		2.00	3.80	—	—	7.6	
		2.00	7.50	—	—	15.00	
		3.00	7.40	—	—	22.20	
		4.00	4.50	—	—	18.00	
		3.00	2.50	—	—	7.50	
		1.00	11.00	—	—	11.00	
		1.00	4.00	—	—	4.00	

M. A. P
Meas

Serial No. ..... From...
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Number 3
		1
		3
		1
	Rate. 121.90/Rm	
(39)	providing & fixing made out C.C 1:2:4 respectively 400m.m with C.M 1:3 plaster formwork curing	
	labour hire charges	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8
for Concrete pavement depth 80-100m.m including nerator including cost including cleaning of f blade + filler materials materials etc complete.				
.00	—	—	100.00	
80	—	—	7.6	
00	—	—	15.00	
20	—	—	22.20	
10	—	—	18.50	
00	—	—	7.50	
0	—	—	11.00	
00	—	—	4.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494935

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	7.00	—	—	7.00	
		3	8.35	—	—	25.05	
		1	3.8	—	—	3.80	
	Rate. 121.90/Rm					221.15 Rmt	
						= Rs 26958.18	
39	providing & fixing pre cast solid c.c kerb stones made out c.c 1:2:4 with top & bottom width 114 & 165mm respectively 400mm high & 450mm in length finished with c.m 1:3 plastering & finishing cutting including formwork curing including cost of all materials labour hire charges etc complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1x2	15.00	–	–	30.00	
		1x2	15.00	–	–	30.00	
		1x2	15.00	–	–	30.00	
		1x2	15.00	–	–	30.00	
		1x2	14.00	–	–	28.00	
		1x2	11.00	–	–	22.00	
		1x2	16.70	–	–	33.4	
		1x2	11.20	–	–	22.40	
		1x2	6.00	–	–	12.00	
		1x2	3.80	–	–	7.60	
		1x1	6.80	–	–	6.80	
		1x1	14.00	–	–	14.00	
		1x1	9.00	–	–	9.0	
		1x2	7.4	–	–	14.80	
		1x1	9.00	–	–	9.00	
						299.0 m²	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	@ Rate 331.78/m²	
40	Applying priming co wood bases surfa Thoroughly cleaning sand papering f including cost of	

ENT BOOK

imensions			Contents	Reference to last Measureme
h	Breadth 5	Depth 6	7	8
.10	—	—	30.10	
.50	—	—	30.50	
.50	—	—	30.50	
.50	—	—	30.50	
.00	—	—	28.00	
.00	—	—	22.00	
.70	—	—	33.4	
.20	—	—	22.60	
.00	—	—	12.00	
.80	—	—	7.60	
.80	—	—	6.80	
.00	—	—	14.00	
.00	—	—	9.0	
.4	—	—	14.80	
.10	—	—	9.10	
			299.0 m²	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494936

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			i.e	299/0.45		299 = 664.44 m²	
	@ Rate 331.78/m²					= Rs 1986 220447.90	
(40)	Applying priming coat over new wood surface &/or wood based surface preparing the surface after thoroughly cleaning oil grease dirt & foreign matter sand papering & brushing ready mix paint including cost of material labour etc complete.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1x2	15.00	—	0.30	9.0	
		1x2	15.00	—	0.30	9.0	
		1x2	15.00	—	0.30	9.0	
		1x2	15.00	—	0.30	9.0	
		1x2	14.00	—	0.30	8.4	
		1x2	11.00	—	0.30	6.6	
		1x2	16.70	—	0.30	10.02	
		1x2	11.20	—	0.30	6.72	
		1x2	6.00	—	0.30	3.60	
		1x2	2.80	—	0.30	1.68	
		1x1	6.80	—	0.30	2.04	
		1x1	14.00	—	0.30	4.20	
		1x1	9.00	—	0.30	2.70	
		1x2	7.40	—	0.30	4.44	
		1x1	9.00	—	0.30	2.70	
						89.0 m²	
	@ Rate ~~89.00~~/m² 43.46/m²						

N = ~~7933.46~~
N = 3867.94

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date 1	Full description, etc, of work 2
(41)	providing & appl surface t/or w to give an even dirt dust & for of materials e
	Qty is as p
	@ Rate 89.04/
(42)	providing fab anodized alum & mat finish

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
—	0.30	9.0	
—	0.30	9.0	
—	0.30	9.0	
—	0.30	9.0	
—	0.30	8.4	
—	0.30	6.6	
—	0.30	10.02	
—	0.30	6.72	
—	0.30	3.60	
—	0.30	1.68	
—	0.30	2.04	
—	0.30	4.20	
—	0.30	2.70	
—	0.30	4.44	
—	0.30	2.70	
		89.0 m²	

N = 7923.46

N = 3867.94

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494937

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(41)	providing & applying painting two coats on new wood surface t/or wood based surface with enamel paint to give an even shade cleaning the surface of all dirt dust & foreign matter sand papering including cost of materials etc. complete.						
	Qty is as per side item no 40 = - 89.0 m²						
	Rate 89.04/m²						= N 7924.56
(42)	providing fabricating assembling & fixing in position anodized aluminium portions using aluminium sections of mat finish or glossy finish in combination of						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	6	7	8
	plain grove single grove & double grove as per requirement for the frames of overall size 63.5mm x 38.1mm with thickness of 2mm having section weight- plain sections 1.05kg/m single grove thickness 1.95mm section wt 1.094kg/m double grove thickness 1.9mm section wt 1.094kg/m & bottom member 114.3mm x 44.45mm thickness bottom portions provided with 12mm thick pre laminated sheet both sides of approved colour lamination exterior grade up to 0.9m ht spacing of the member not exceeding 0.6m c/c. sections are cut to the required lengths J.T.S. mitres & corners grinded subdividing frames & corners rivetes to the frame etc complete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rate 3695.16/m
(143)	providing & fixi polyethylene pip dia with speci clips including
	cost of all m

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
&			double grove as per	
rcumes of overall size				
ones of 2mm having				
Sections 1.01kg/m single				
Section wt 1.094kg/m				
1.9mm Section wt 1.094kg/m				
m × 44.4mm thickness				
with 12mm thick pre laminated				
proved colour lamination				
m wt spacing of the member				
sections are cut to the				
mitres & corners grinds				
mmoned rivetes to the				
te				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494938

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	4	—	2.75	= 22.00	
		5	2.15	—	2.75	= 29.56	
		2	5	—	2.75	= 27.50	
	Rate 3695.16/m²	6	2.15	—	2.75	= 35.47	
						114.53 m²	
						= Rs 423206.67	
143	providing & fixing to wall ceiling & floor low density polyethylene pipes 6.00kg/cm² working pr 20mm outside dia with special flange compression type fittings. wall clips welding good the wall ceiling or floor including cost of all materials etc complete						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Doors	2	35	—	—	70	
		2	40	—	—	80	
	@ Rate 377.36/Rm					150.0 Rm	
						= 56604=00	
(44)	providing & placing on terrace polythylene water storage tanks with manhole lid & suitable locking arrangement - making holes of suitable dia. for inlet, outlet & over flow pipes including lost of materials labour etc complete						
	@ Rate 9144.36/No	2	—	—		2 no	
						= N18288.72	
(45)	providing & fixing chlorinated poly vinyl chloride (CPVC) pipes conforming to IS having thermal						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2
	Stability for ho plain & brass Hire clamp at 1.00 mtr fittings will on cutting chases & 37.5 etc com
	@ Rate 270/Rm

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
—	—	70	
—	—	80	
		150.0 Rm	
		= 56604=00	
erace polyethylene			
manhole lid & suitable			
eing holes of suitable			
r flow pipes including			
etc complete			
—	—	2 no	
		= N 182 88.72	
nated poly vinyl chloride			
0 as having thermal			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494939

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing the including jointing of pipes & fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing & etc complete						
		1	36	—	—	=36	
		2	38	—	—	76	
		1	12	—	—	12	
		3	2	—	—	6	
		2	2.5	—	—	5	
	@ Rate 270/Rm					135 Rm	
						N = 36450=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(46)	providing & fixing white vitreous china clay water closets orissa pattern of size 570x440mm with integral type footrests 100mm seat & P trap 10 Ltr low level PVC flushing cistern with fittings CI/MS brackets 32mm dia flush pipe fittings & clamps overflow arrangements with spalions & 25mm mosquito proof couplings of approved design painting of fittings & brackets etc complete						
	@ Rate 4552.82/No 2 No					= 2 No	
						= Rs 9105.76	
(47)	providing & fixing CI anchorsi Trap of approved make						

M.

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	conforming to IS1 1:2:4 as per direction	spo
	@ Rs. 270/No	2
(48)	providing & fixing m quality 20mm m materials labour complete	
	@ Rate 262.44/No	15

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
vitreous		China	Clay
tern of size 570x440mm			
100m for p trap 10 Ltr			
tern with fittings (1/ns			
pipe fittings & clamps			
& spaliers & 25mm			
approved design			
ts etc. complete			
= 2 no			
= Rs 9165.76			
Trap of approved make			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494940

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Conforming to IS1 specification & construction of Listern in C.C 1:2:4 as per direction						
	@ Rs. 270/no	2 no	—	—	—	2 no	= 540.00
48	providing & fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials labour equipment with all lead & lift etc complete						
	@ Rate 262.44/no	15 no	—	—	—	15 no	=> 3936.60

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(49)	Earth work Excavation for foundation of buildings water supply sanitary line & electrical conduits either in pits or in trenches 1.5m & above in light in hard soil not exceeding 1.5m in depth including dressing the bottom & side of pits & trenches stacking the excavated soil etc complete						
	Qty is as per premeasurement sheets MB pg - 494992					= 33.74 m³	
	@ Rate 200.34/m³					= Rs 6759.47	
(50)	providing & installing at site of work 63mm pvc pipes of 6 kg/cm² including cost of pipes & specials & labour including lowering into						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Num 3
	trench laying true joints leave proof ... all labour & lift ...	
	@ Rate 368.88/Rmt	
(51)	Retilling available layers not exceeding deposited layer by upto 50m & lift ... material etc com...	

BOOK

ons		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
or foundation of buildings			
e & electrical conduits			
ues 1.5m & above in			
exceeding 1.5m in depth			
& side of pits & trenches			
etc complete			
mul-stilts MB			
3 - 494992		= 33.74 m²	
		= Rs 6759.47	
site of work 63 km			
ng cost of pipes &			
ing lowering into			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494941

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	trench laying true to line level & perfect levelling at joints leave proof including jointing of approved type with all labour & lift changes etc complete						
		3.00	30.00	—	—	90.00	
		1.00	10.00	—	—	10.00	
	@ Rate 368.88/Km					100.00 Km	
						= Rs 36888=00	
(51)	Refilling available earth around pipe line cables in layers not exceeding 20cm in depth compacting each deposited layer by ramming after watering with lead upto 50m & lift upto 1.5m including cost of all material etc complete.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty is as per vide item no 49					= 33.74 m³	
	• Rate Rs. 56/m²					= Rs 2718.09	
(52)	providing & fixing in position brass gate valve with CI wheel of approved quality 50 mm nominal bore including cost of all materials labour etc complete						
	• Rate 2175.13/no	2 no	—	—	—	2 no = 4350.24	
					Total	Rs 63062.07 = 00	
				10%	KRIDL charges	6306.21 = 00	
					Labour cess	630.62 = 00	
					Total	69998.90 = 00	
						69998.90 = 00	

Certificate: (1) It is certified that the work done satisfactorially

(2) The above amount is not desired any of privious Bill.

20/2/19 CJFC 5/2/2019 5/2/19 5/2/19

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2
	CJFC 5/2/2019 5/02/19

Bagur Nagar Road

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...en no 49		= 33.74 m³	
		= ₹ 2718.09	
...tion brass gate			
...pproves quality			
...uding cost of all			
...mplete			
—	—	2 No	
		= 4350.24	
Total		₹ 63062.07=00	
...L charges		63062.1=00	
...ur cash		63062=00	
...ally Total		69998.90=00	
		69999.90=00	
...t copy of			

M. A. R. 57 (Rule 110)
Measurement Book

No. B

494942

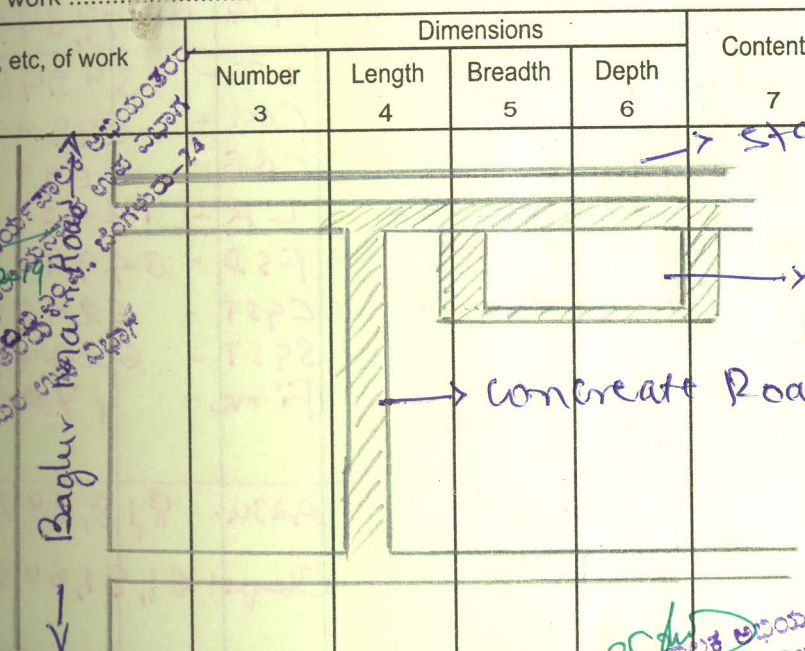
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						→ Storm water Drain	
						→ Day-Nalm project Ashraya yojana Building.	
						→ concreate Road	



CFFC

5/02/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24